525 Rec'd PCT/PTO U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-13 (REV 10-2000) 39573.830003.001 **SETTER TO THE UNITED STATES** GNATES/ELECTED OFFICE (DO/EO/US) G A FILING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. ZZ April 1999 ZZ April 1998 CENTRIFUGAL BLOOD PUMP WITH HYBRID MAGNETIC TITLE OF INVENTION IMPLANTABLE APPLICANT(S) FOR DO/EO/US <u>Allaire, et al</u> Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. c. X is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 16 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. A substitute specification. A change of power of attorney and/or address letter. Other items or information:

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U.S. APPLICATION NO. (if	673922 IN	TERNATIONAL APPLICATION NO. PCT/U599/08874	,		39573.83	0003.001	
-U 77	017766	· · · · · · · · · · · · · · · · · · ·		CA	LCULATIONS	PTO USE ONLY	
17. LX The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):							
Neither international preliminary examination fee (37 CFR 1.482)							
nor internatio	nal search fee (37 CFR 1.44						
l .	onal Search Report not prepa						
USPTO but I	preliminary examination fee nternational Search Report p						
	preliminary examination fee search fee (37 CFR 1.445(a)						
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$690.00							
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)							
ENTER APPROPRIATE BASIC FEE AMOUNT =					100.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 months from the earliest claimed priority date (37 CFR 1.492(e)).					- 4		
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CLAIMS Total claims	NUMBER FILED 28 - 20 =	NUMBER EXTRA 8	RATE X \$18.00	s	144.00		
Independent claims		1	X \$80.00	\$	80.00		
	$\frac{4 - 3 = 1}{\text{ENDENT CLAIM(S)}}$	ahle)	+ \$270.00	\$	80.00		
MOETH EE BEI		OF ABOVE CALCULAT			324.00	-	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above							
are reduced by 1/2.					162.00		
			$\begin{array}{c c} \mathbf{COTAL} & = \\ \hline \hline \\ 20 & \hline \\ 30 \\ \hline \end{array}$		102.00		
	\$130.00 for furnishing the earliest claimed priority dat	\$					
		\$	162.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						٠	
TOTAL FEES ENCLOSED =					162.00		
				Am	ount to be refunded:	\$	
					charged:	\$	
a. A check in the amount of \$ 162.00 to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees A duplicate copy of this sheet is enclosed.						er the above fees.	
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-362.3</u> . A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRE	SPONDENCE TO:		MM	Bullo			
Patrick McBride SIGNATU					- / / [xviv	
	Holland & Hant IID						
	555 Seventeenth Street, Ste 3200 ——			Patrick McBride			
Denver, CO 80201-3979			0.20	25			
	-			9,295			
			REGISTR	ATION	NUMBER		

Rac'd PCT/PTO 2 0 OCT 2000

PATENT EXPRESS MAIL NO. EL665185923US Attorney Docket No. 39573.830003.001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Allaire et al.	Group Art Unit:
Filed: Herewith) Examiner:
For: HYBRID MAGNETICALLY SUSPENDED AND ROTATED CENTRIFUGAL PUMPING APPARATUS AND METHOD))))

CERTIFICATE OF MAILING BY EXPRESS MAIL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

- Transmittal Letter 1.
- 2. Declaration
- Check in the amount of \$162 3.
- Certificate of Mailing by Express Mail

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL665185923US with the United States Postal Service, addressed to The Assistant Commissioner for Patents, Washington, D.C., 20231, on October 20, 2000.

Date

Patrick McBride Reg. No. 39,295

Attorney for Applicant HOLLAND & HARTLLP 555-17th Street, Suite 3200

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